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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/375,333DATE: 09/04/1999
TIME: 17:08:49

Input Set: I375333.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Oppermann, Hermann
2 Tai, Mei-Sheng
3 McCartney, John
4 <120> TITLE OF INVENTION: Modified TGF-beta Superfamily Proteins
5 <130> FILE REFERENCE: STK-075
6 <140> CURRENT APPLICATION NUMBER: US/09/375,333
7 <141> CURRENT FILING DATE: 1999-08-16
8 <160> NUMBER OF SEQ ID NOS: 88
9 <170> SOFTWARE: PatentIn Ver. 2.0
10 <210> SEQ ID NO 1
11 <211> LENGTH: 35
12 <212> TYPE: PRT
13 <213> ORGANISM: Drosophila melanogaster
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15 <223> OTHER INFORMATION: 60-A
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20 20 25 30
21 Gly Cys His
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23 <210> SEQ ID NO 2
24 <211> LENGTH: 35
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
27 <220> FEATURE:
28 <223> OTHER INFORMATION: BMP-2
29 <400> SEQUENCE: 2
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32 Glu Lys Val Val Leu Lys Asn Tyr Gln Asp Met Val Val Glu Gly Cys
33 20 25 30
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40 <220> FEATURE:
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43 Val Pro Glu Lys Met Ser Ser Leu Ser Ile Leu Phe Phe Asp Glu Asn
44 1 5 10 15

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54      <223> OTHER INFORMATION: BMP-4
55      <400> SEQUENCE: 4
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94      <400> SEQUENCE: 7

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144      <220> FEATURE:

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PATENT APPLICATION US/09/375,333

DATE: 09/04/1999

TIME: 17:08:49

Input Set: I375333.RAW

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155 <212> TYPE: PRT
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177 Gly Cys Arg
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181 <212> TYPE: PRT
182 <213> ORGANISM: Mus musculus
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184 <223> OTHER INFORMATION: GDF-3
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190 Gly Cys Gly
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193 <211> LENGTH: 35
194 <212> TYPE: PRT

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/375,333

DATE: 09/04/1999
TIME: 17:08:49

Input Set: I375333.RAW

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207 <212> TYPE: PRT
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241               20             25             30
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243               35
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I375333.RAW

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1152	W "N" or "Xaa" used: Feature required	Lys Trp Ile His Glu Pro Lys Gly Tyr Xaa A
1154	W "N" or "Xaa" used: Feature required	Xaa Cys Pro Tyr Xaa Trp Ser Xaa Asp Thr G
1156	W "N" or "Xaa" used: Feature required	Xaa Leu Tyr Asn Xaa Xaa Asn Pro Xaa Ala S
1158	W "N" or "Xaa" used: Feature required	Val Pro Gln Xaa Leu Glu Pro Leu Xaa Ile X
1160	W "N" or "Xaa" used: Feature required	Xaa Xaa Lys Val Glu Gln Leu Ser Asn Met X
1175	W "N" or "Xaa" used: Feature required	Cys Xaa Xaa Xaa Xaa Leu Tyr Val Xaa Phe X
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RAW SEQUENCE LISTING
 PATENT APPLICATION US/09/375,333

DATE: 09/04/1999

TIME: 17:08:49

Input Set: I375333.RAW

PREVIOUSLY ERRORED SEQUENCES-EDITED

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2  <211> 102
3  <212> PRT
4  <213> Homo sapiens
5  <220>
6  <223> CDMP-3 construct
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16     Ser Cys Cys Val Pro Ala Arg Leu Ser Pro Ile Ser Ile Leu Tyr Ile
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19          85          90          95
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/375,333

DATE: 09/02/1999

TIME: 11:09:22

Input Set: I375333.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1 <110> Oppermann, Hermann
2 Tai, Mei-Sheng
3 McCartney, John
4 <120> Modified TGF-beta Superfamily Proteins
5 <130> STK-075
6 <140> US/09/375,333
7 <141> 1999-08-16
8 <160> 88
9 <170> PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

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11 <211> 102
12 <212> PRT
13 <213> Homo sapiens
14 <220>
15 <223> CDMP-3 construct
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20 20 25 30
21 Leu Cys Asp Phe Pro Leu Arg Ser His Leu Glu Pro Thr Asn His Ala
22 35 40 45
23 Ile Ile Gln Thr Leu Leu Asn Ser Met Ala Pro Asp Ala Ala Pro Ala
24 50 55 60
25 Ser Cys Cys Val Pro Ala Arg Leu Ser Pro Ile Ser Ile Leu Tyr Ile
26 65 70 75 80
27 Asp Ala Ala Asn Asn Val Val Tyr Lys Gln Tyr Glu Asp Met Val Val
28 85 90 95
29 Glu Ala Cys Gly Cys Arg
30 100
31 -40-
E--> 32
E--> 33 EXPRESS MAIL LABEL NO.
34 -1-

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/375,333DATE: 09/02/1999
TIME: 11:09:22

Input Set: I375333.RAW

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33	E Wrong Amino Acid Designator	EXPRESS MAIL LABEL NO. EL280661266US
33	E Wrong Amino Acid Designator	EXPRESS MAIL LABEL NO. EL280661266US
33	E Wrong Amino Acid Designator	EXPRESS MAIL LABEL NO. EL280661266US
33	E Wrong Amino Acid Designator	EXPRESS MAIL LABEL NO. EL280661266US